Electronic Supplementary Material (ESI) for RSC Advances.

Preparation of β-cyclodextrin functionalized reduced graphene oxide: Application for electrochemical determination of paracetamol

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Supplementary Materials

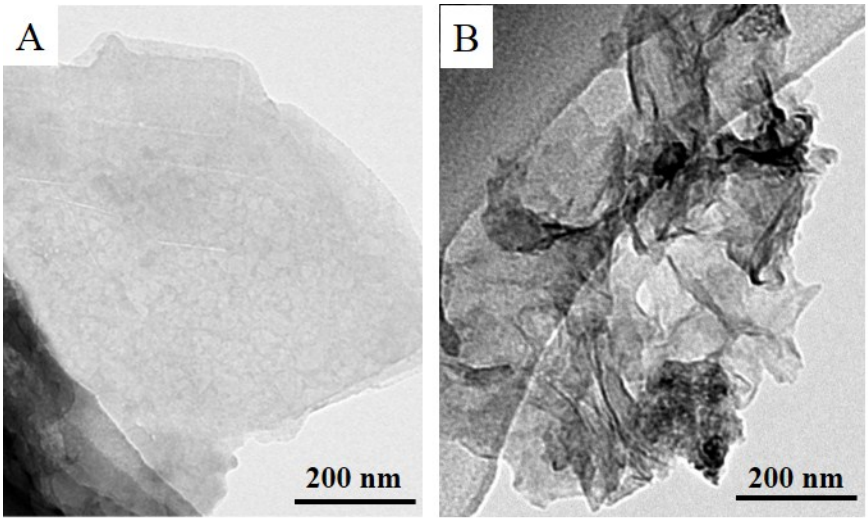

Figure S1. TEM image of GO and *β*-CD/RGO.

Table S1 Performance comparison of the proposed *β*-CD/RGO modified electrode and electrodes reported by previous reports.

Electrode	Method	LOD (μM)	Linear range (μM)	Reference
PANI/MWCNTs	SWV	0.25	1-100	1
PGE	CV	0.0142	1-8	2
MWCNT-BPPGE	SWV	0.045	0.1-25	3
MIP	DPV	0.79	5-500	4
TiO_2/RGO	DPV	0.21	1-100	5
β-CD/RGO	I-T	2.3	10-800	This work

MIP = Molecularly imprinted polymer; MWCNT-BPPGE = Multiwalled carbon nanotube modified basal plane pyrolytic graphite electrode.

Reference

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